

Fig. 1

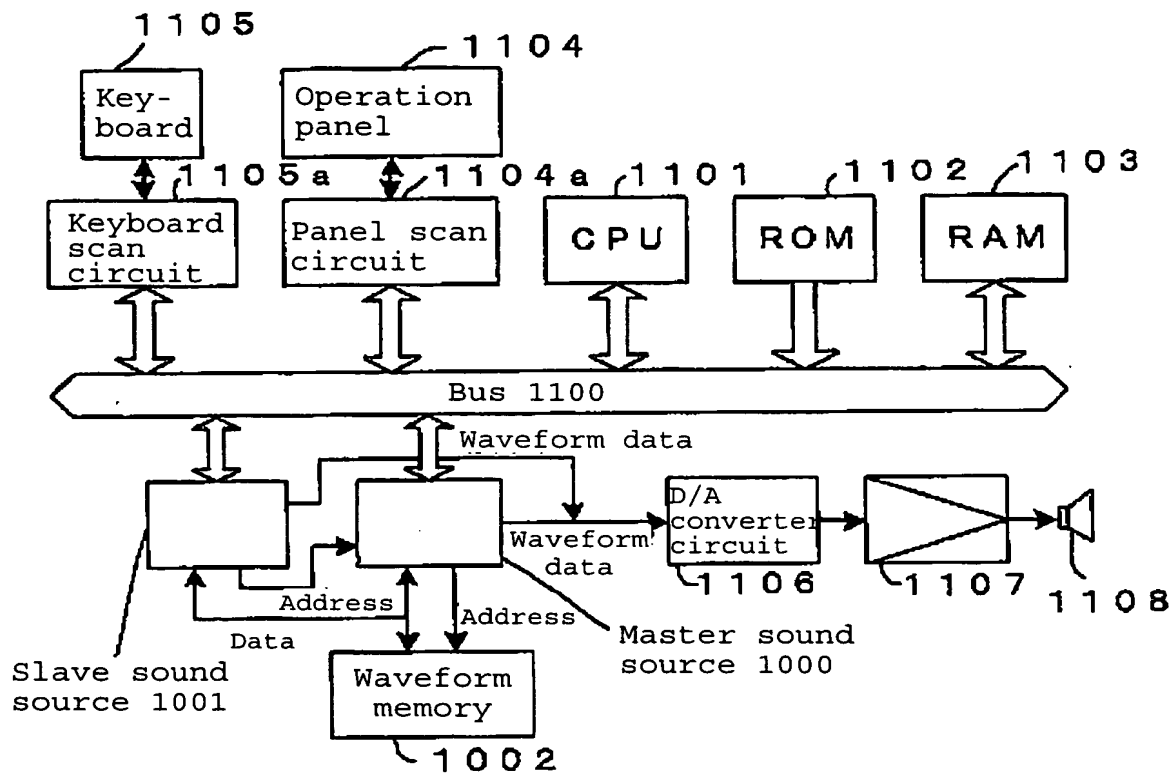


Fig. 2

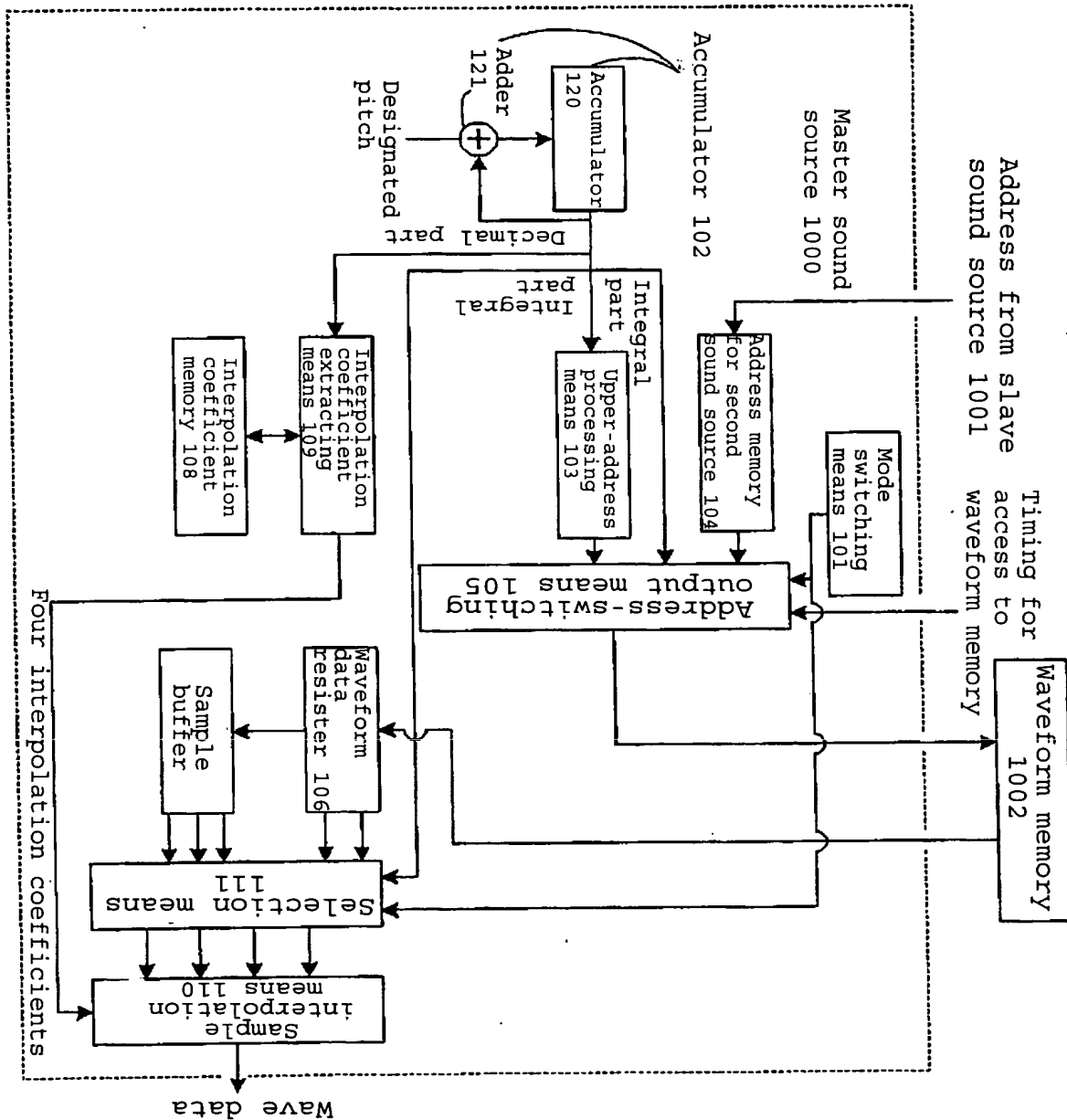


Fig. 3

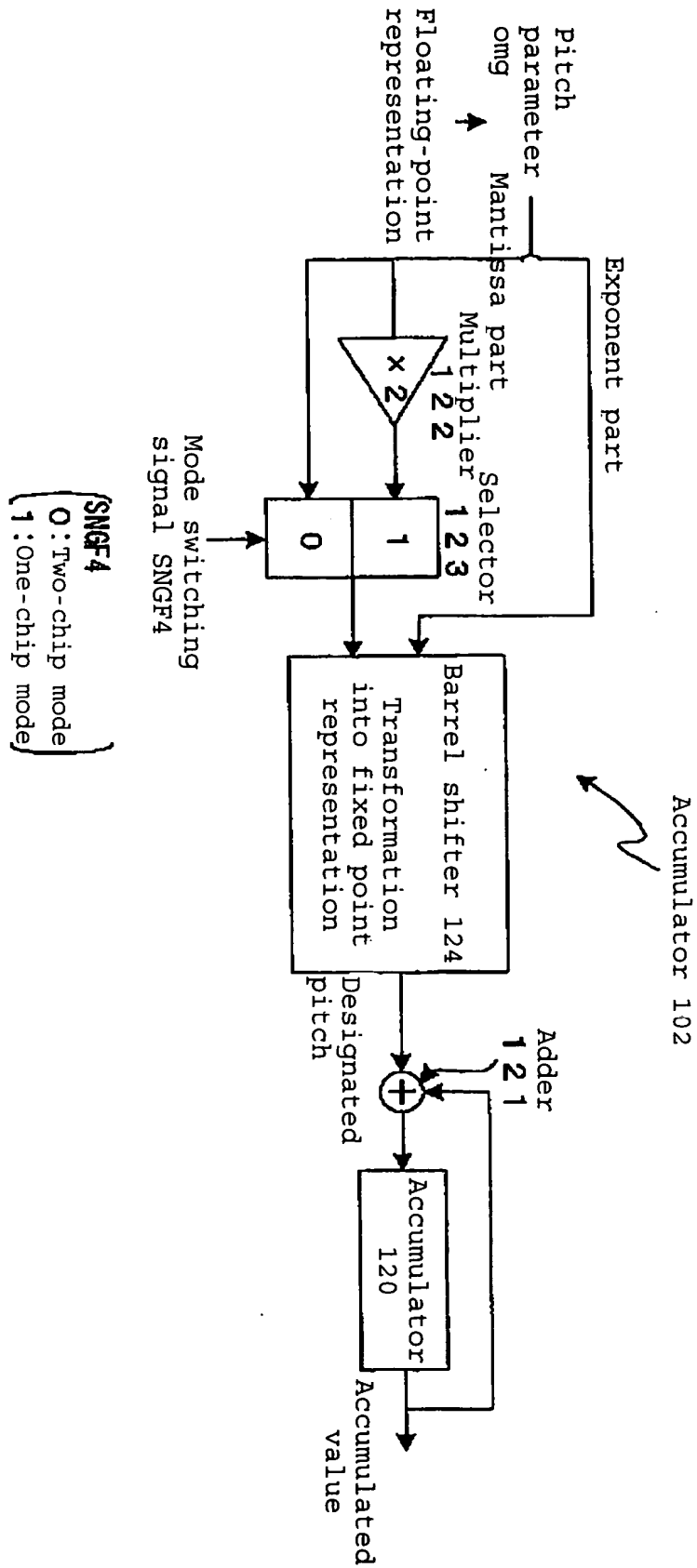


Fig. 4

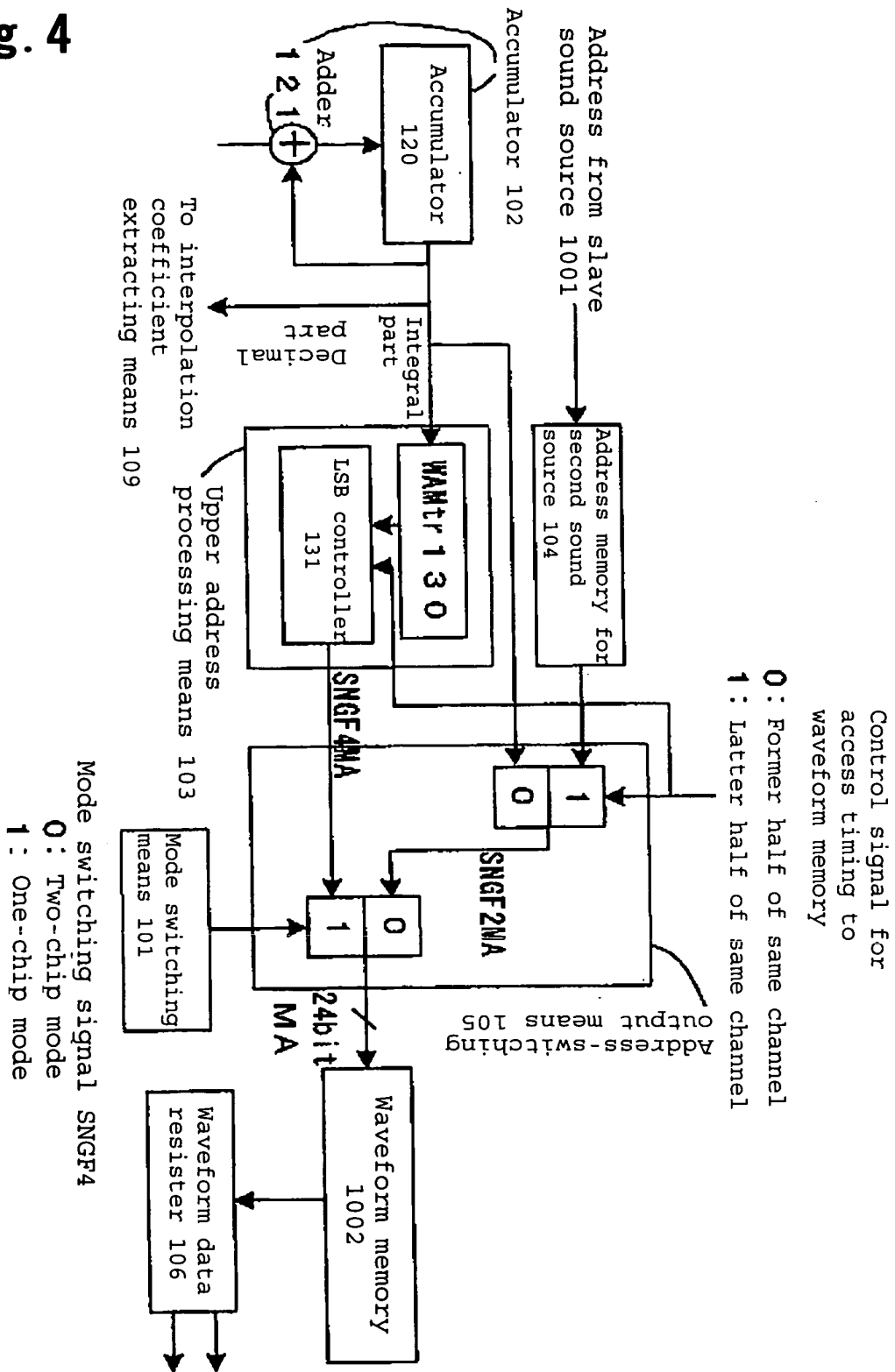


Fig. 5

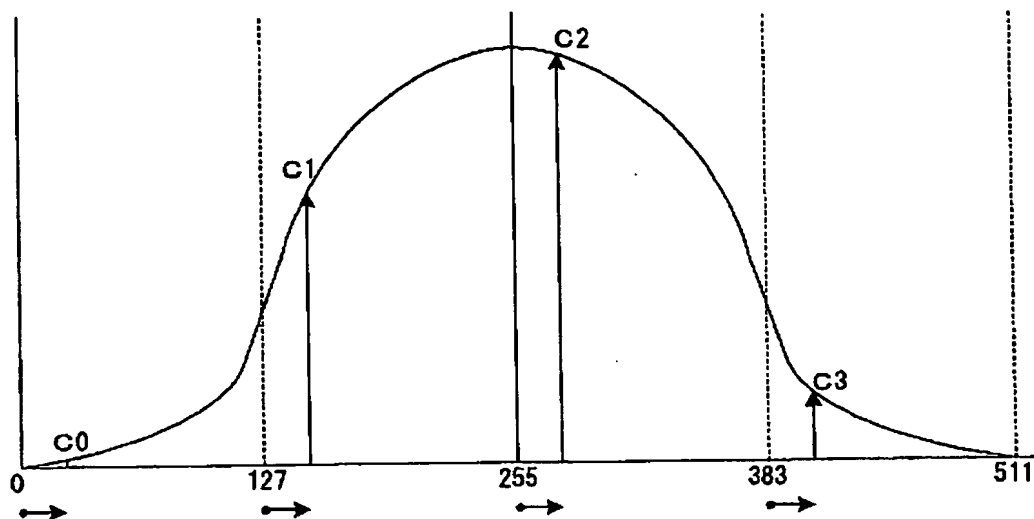
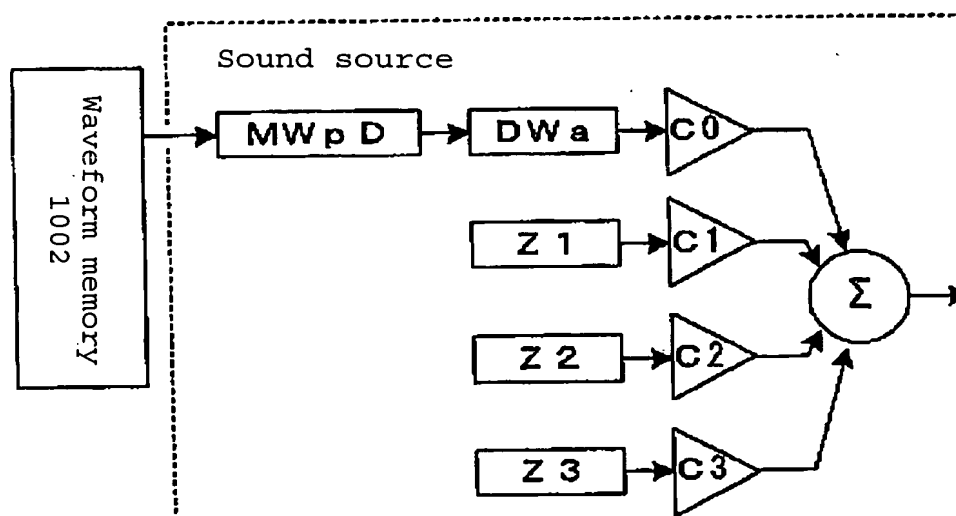


Fig. 6



Whenever one sample proceeds, data are renewed in the direction of Z3-Z2-Z1-DWa

Fig. 7

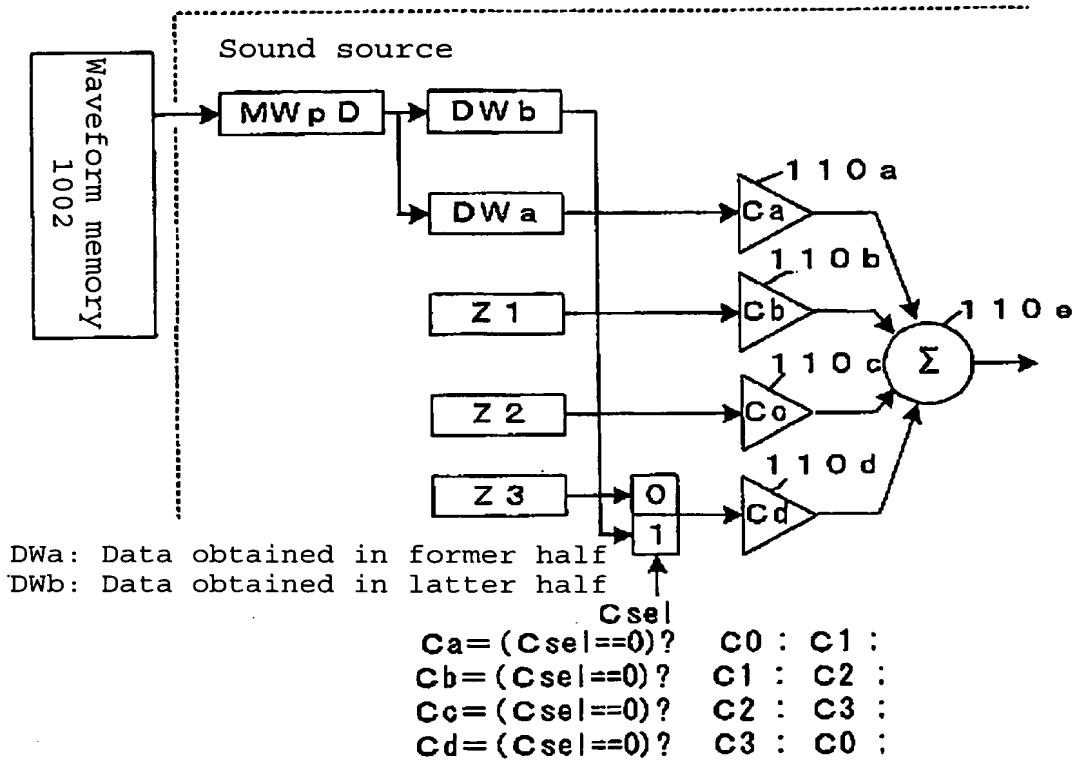
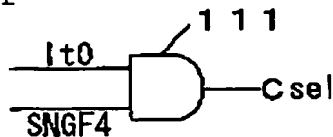


Fig. 8

LSB indicative of
address in
waveform memory

Mode switching
signal



lt0	SNGF4	Csel
0	0	0
0	1	0
1	0	0
1	1	1

Whenever two samples
proceed, data are renewed
as in the form of
 $Z3 \leftarrow Z1$, $Z2 \leftarrow DWa$ and $Z1 \leftarrow DWb$

Fig. 9

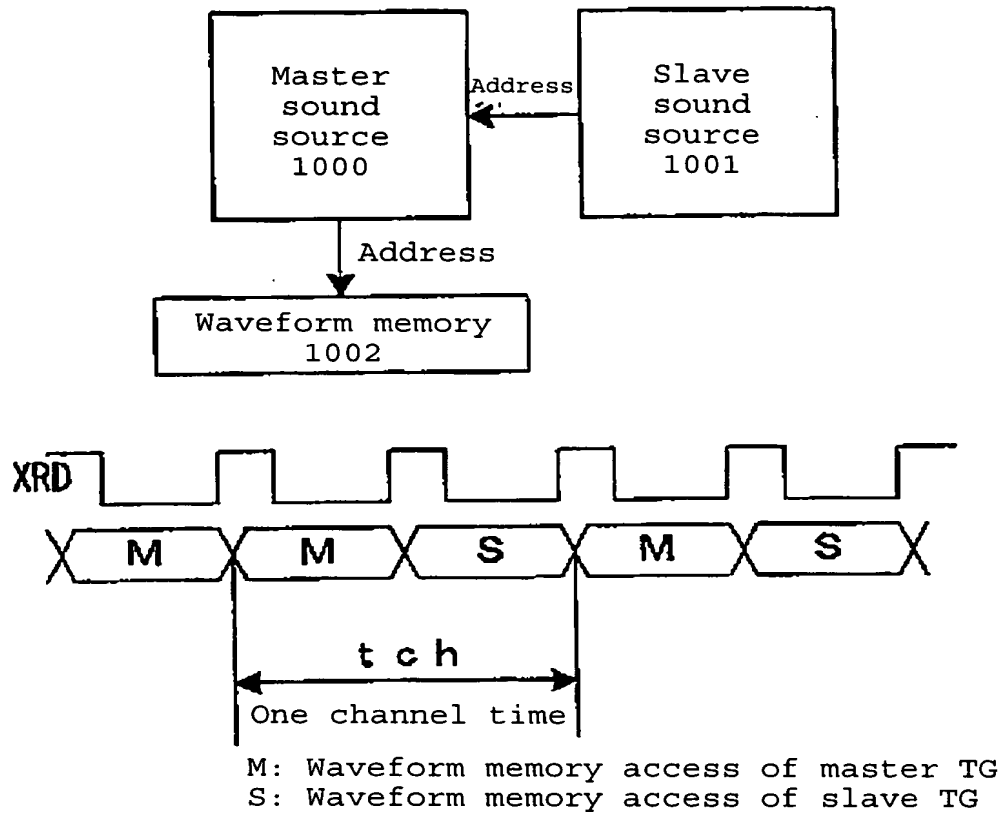


Fig. 10

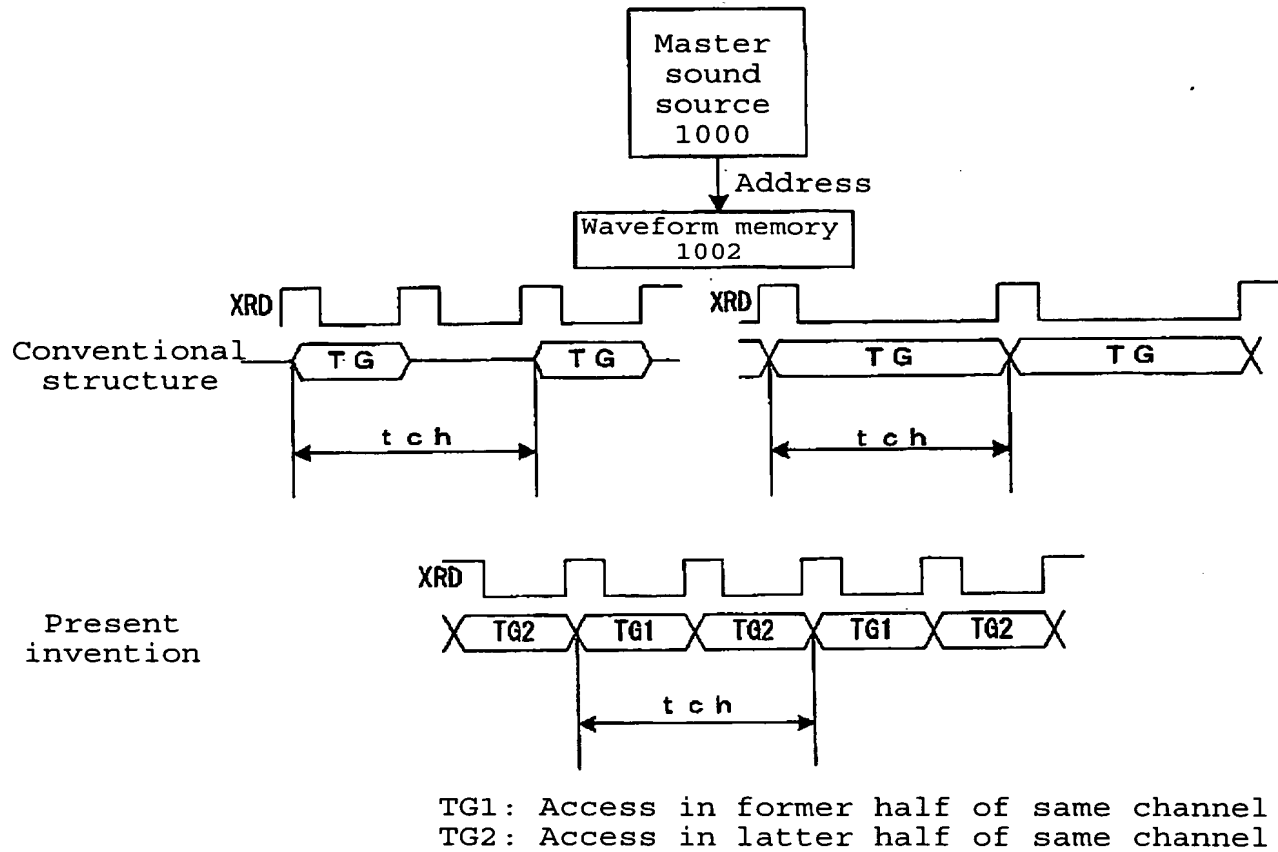


Fig. 11

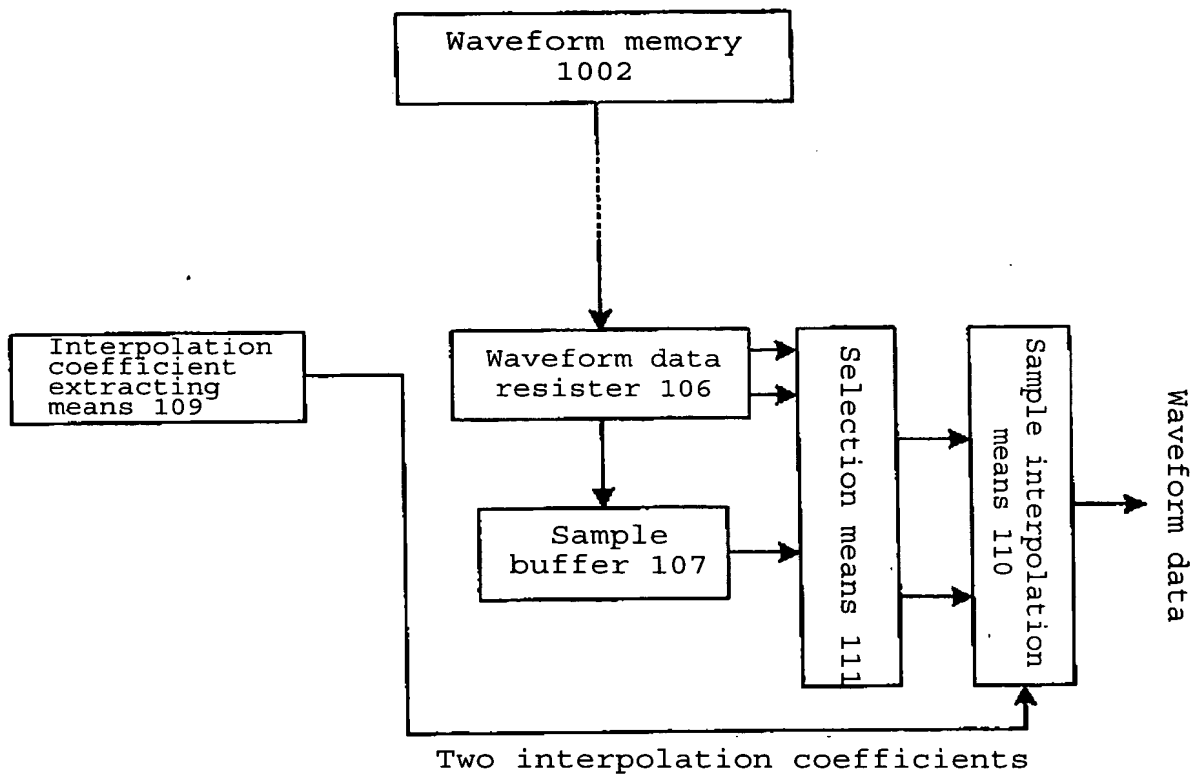


Fig. 12

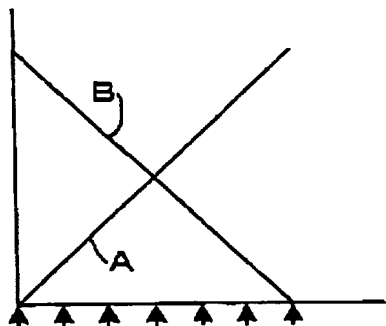


Fig. 13

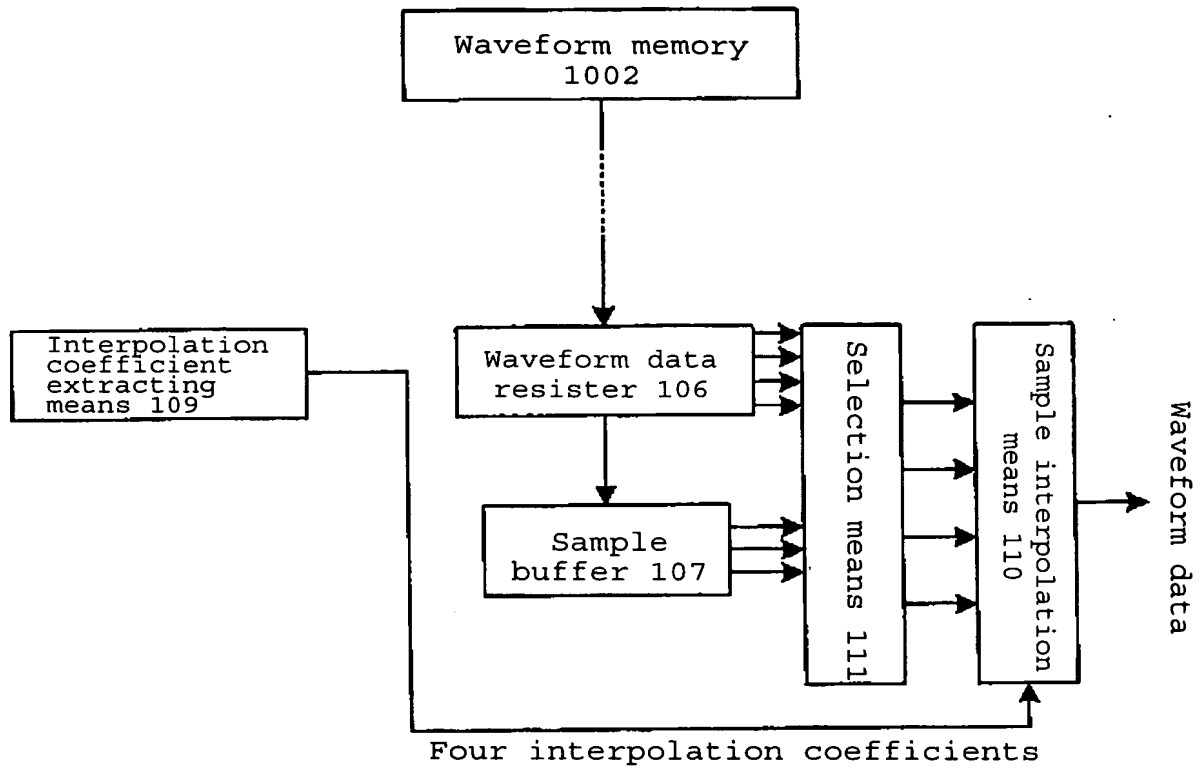


Fig. 14

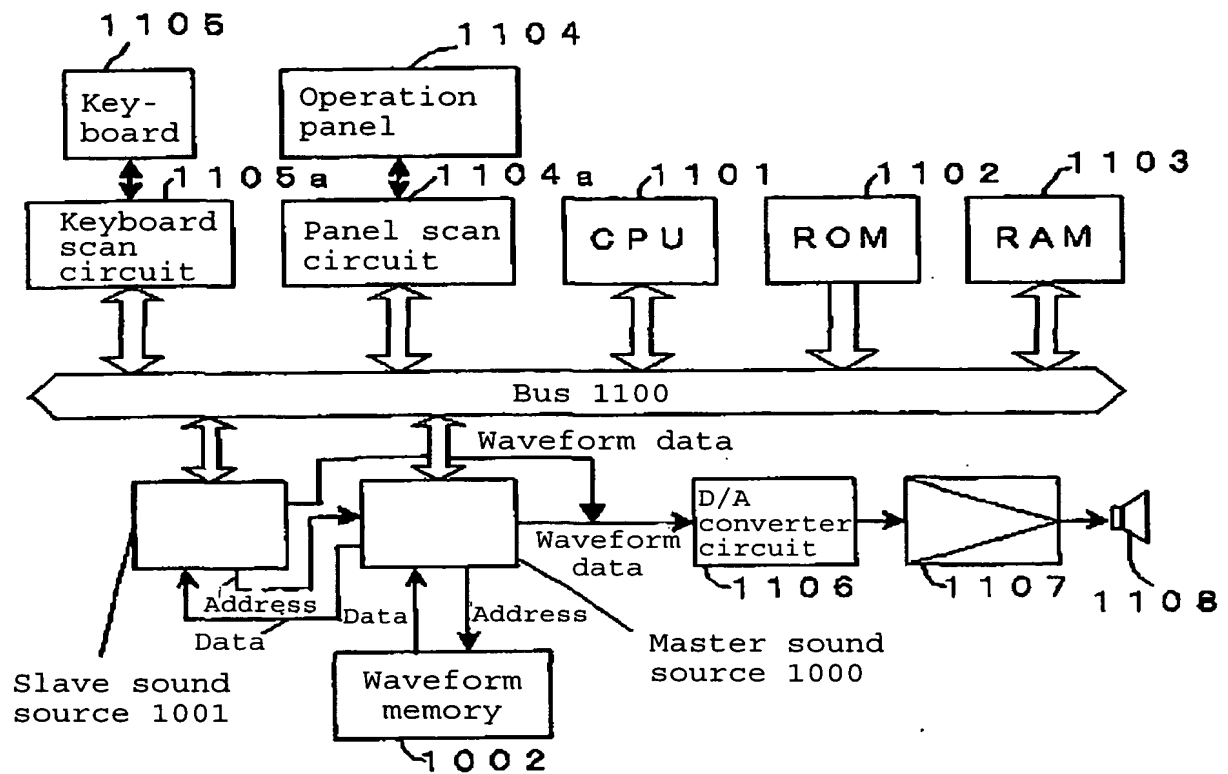


Fig. 15

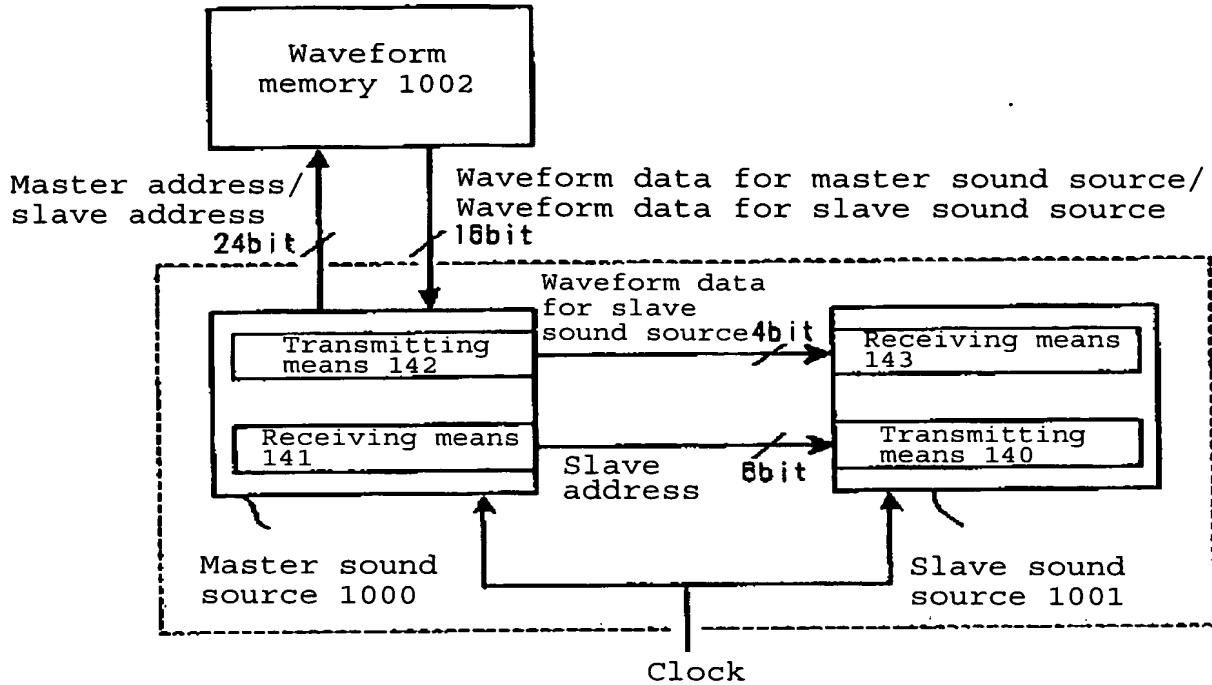


Fig. 16

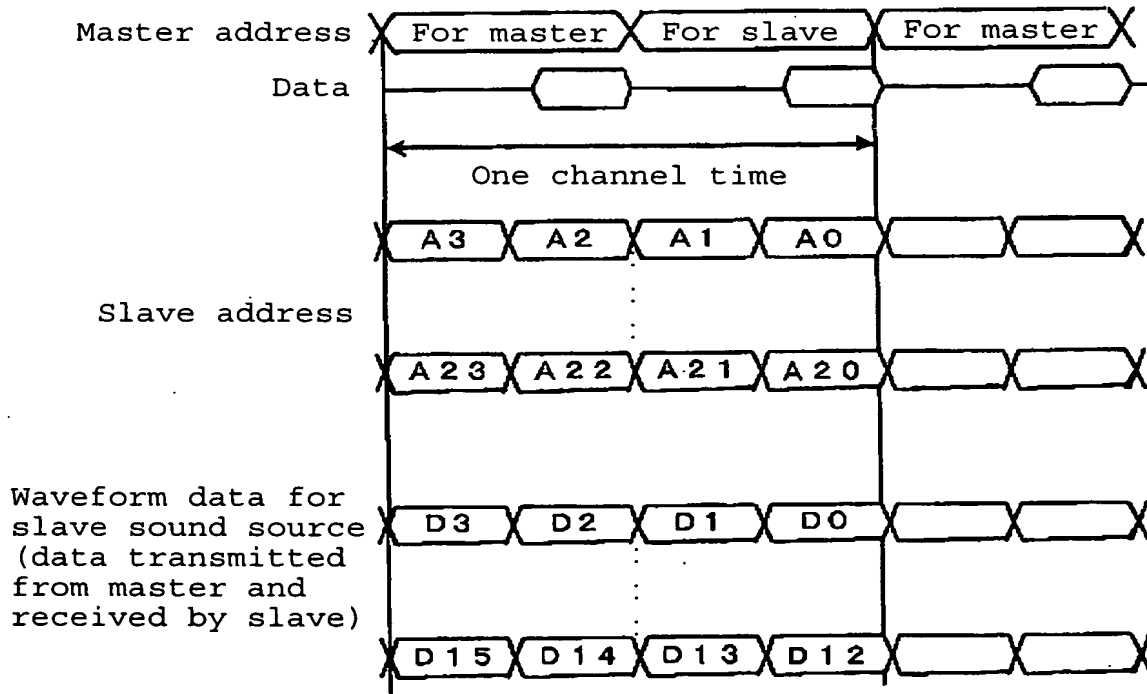


Fig. 17

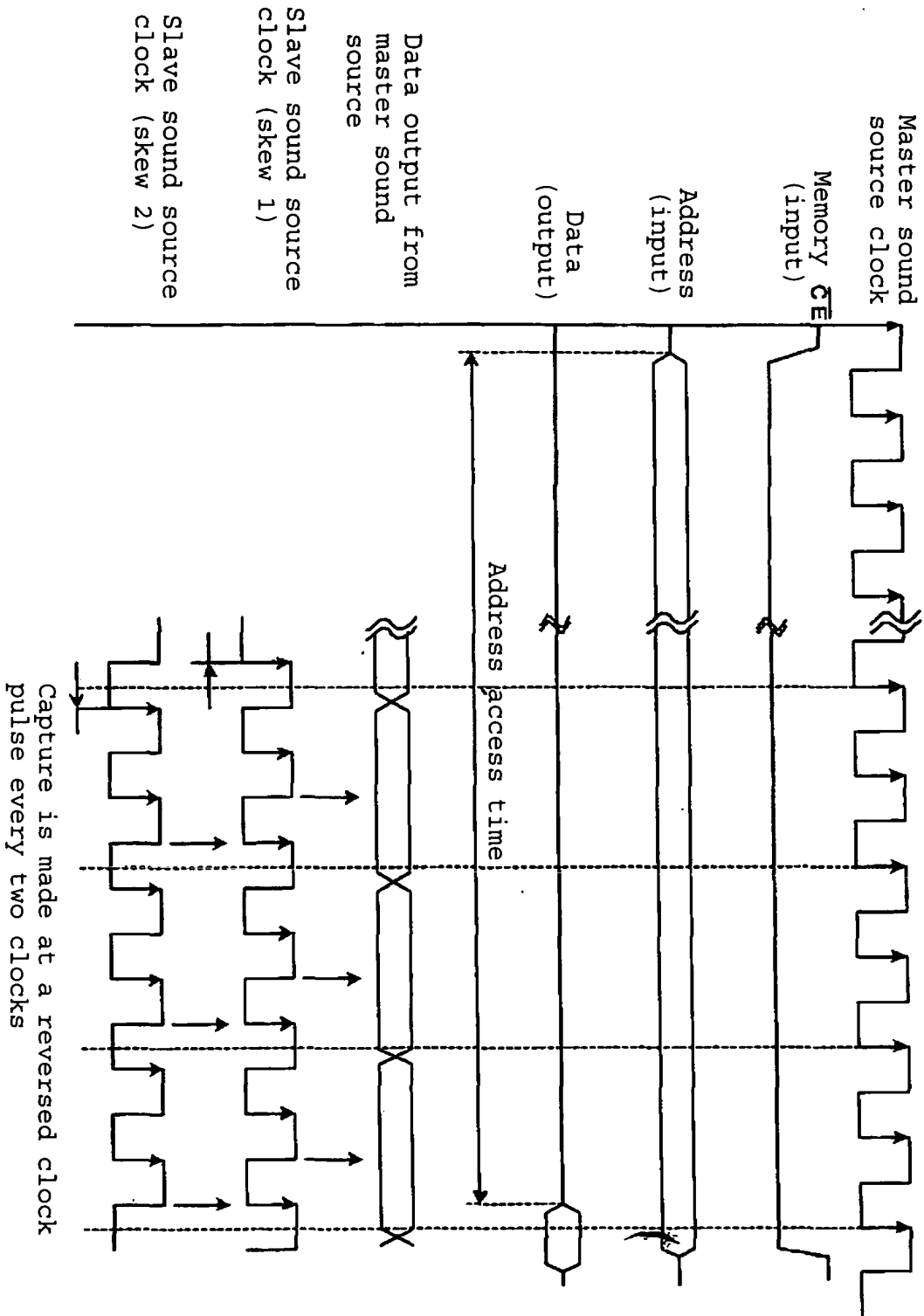


Fig. 18

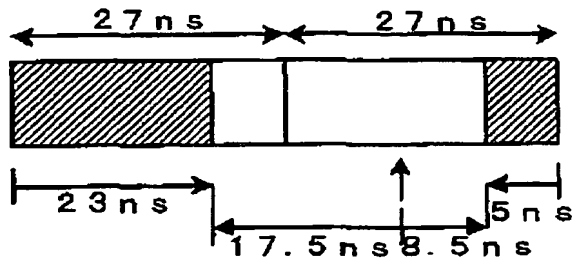
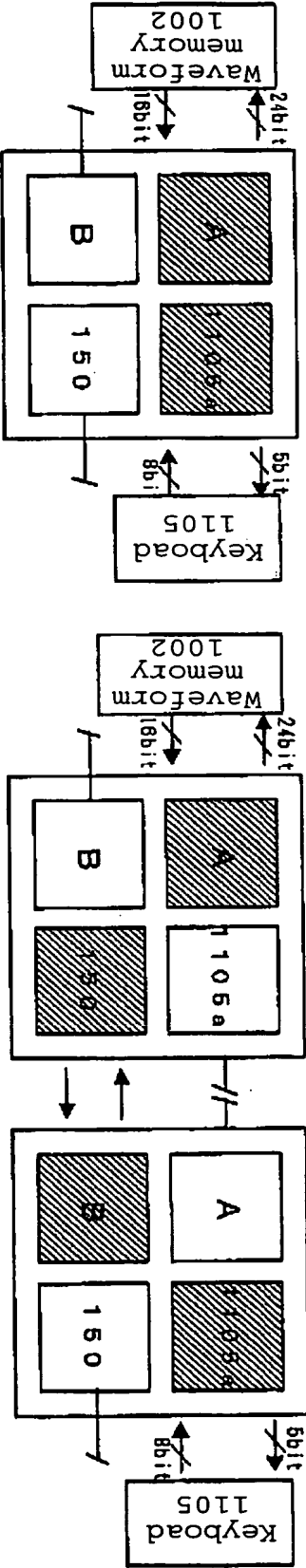


Fig. 19



One-chip mode

Two-chip mode

Functions of circuit blocks and the like		Number of	
		output terminals	input terminals
A: External memory access circuit		24	16
B: Address-output/data-input for slave sound source		7	4
1105a: Keyboard scan circuit		5	8
150: Data-output/address-input for master sound source		4	7

Fig. 20

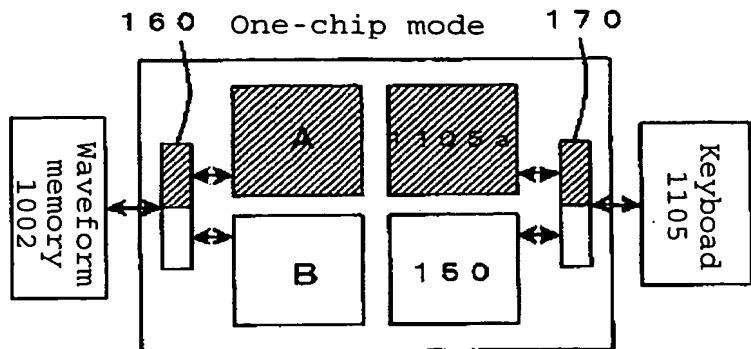


Fig. 21

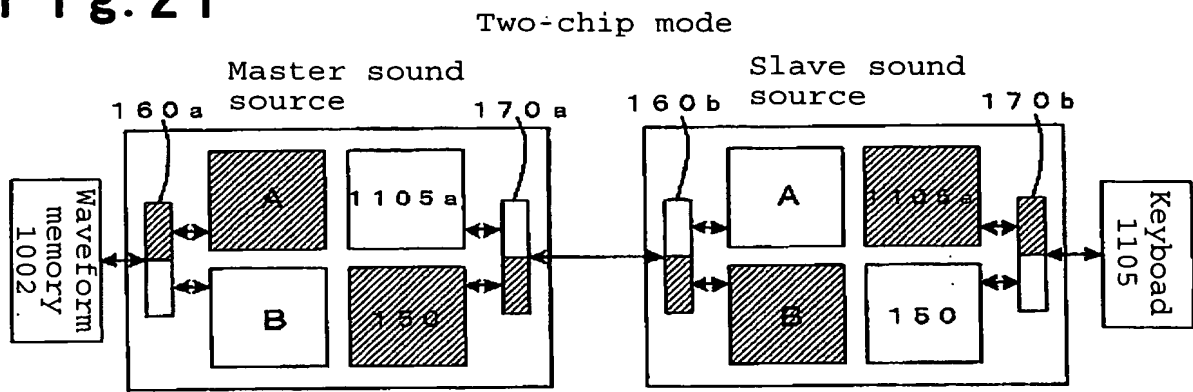
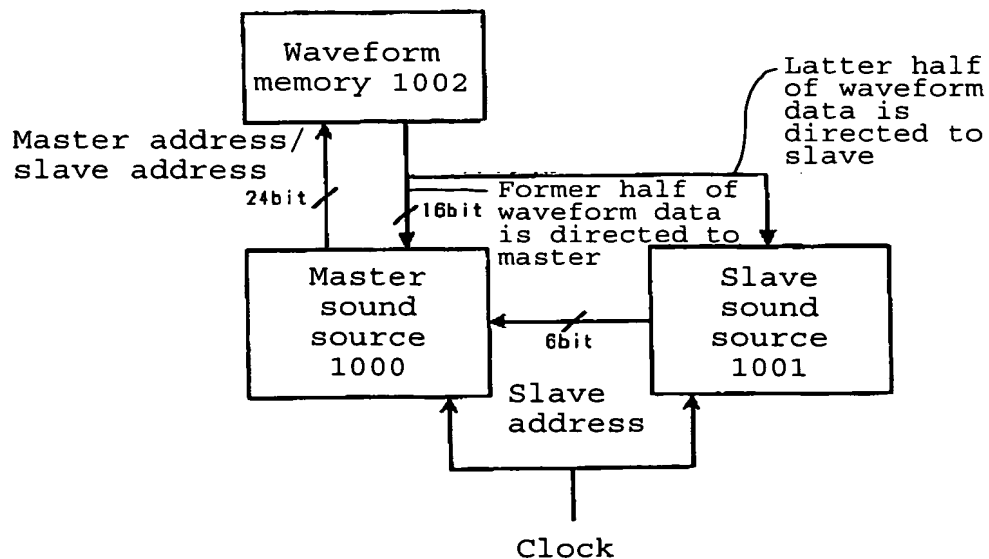
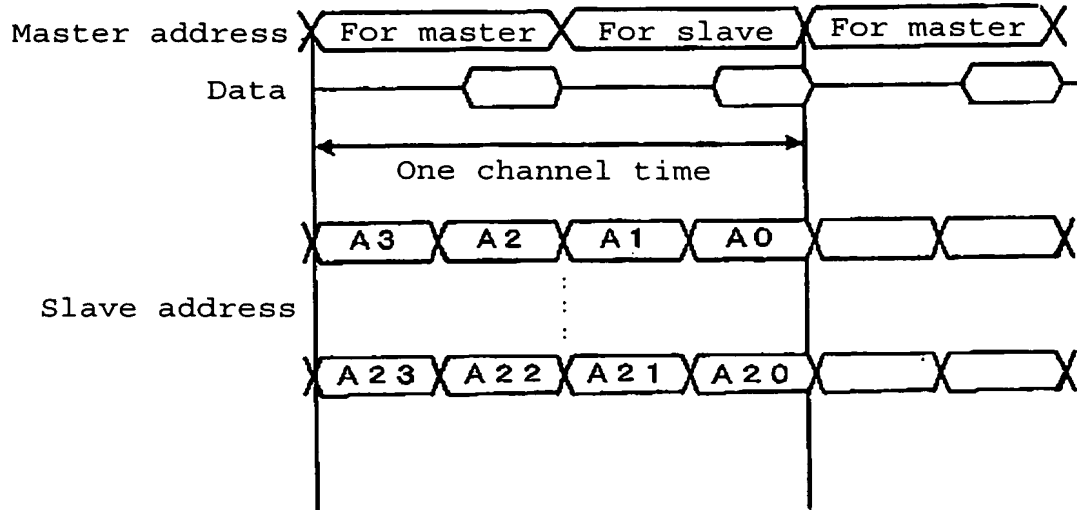


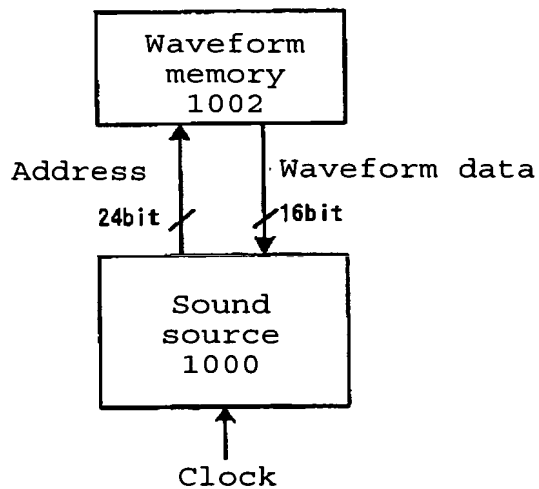
Fig. 22



F i g . 2 3



F i g . 2 4



F i g . 2 5

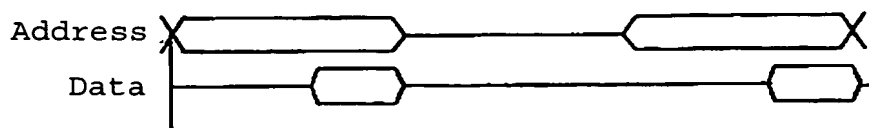


Fig. 26

